



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of : D. J. Baillargeon et al
Serial No. : 09/498,793
For : 4 February 2000
Formulated Lubricant Oils Containing High-Performance Base Oils
Derived From Highly Paraffinic Hydrocarbons
Group Art Unit: 1764
Examiner : E. M. McAvoy

AMENDMENT

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

Please amend this application as set out below.

Amend claim 1 to read:

1. (Amended) A liquid lubricant composition, comprising
(i) a paraffinic biodegradable hydrocarbon basestock component having a biodegradability of at least 50% (OECD 301B) and having a pour point of from about -25°C to -55°C and a viscosity index of 130 to 160, in which the extent of branching, as measured by the percentage of methyl hydrogens (BI), and the proximity of branching, as measured by the percentage of recurring methylene carbons which are four or more carbons removed from an end group or branch ($\text{CH}_2>4$), are such that:
(a) $\text{BI} - 0.5(\text{CH}_2>4) > 15$; and
(b) $\text{BI} + 0.85(\text{CH}_2>4) < 45$;

as measured over said hydrocarbon basestock as a whole, and

(ii) additives soluble in the basestock comprising a detergent and an antioxidant,
the liquid lubricant composition having a CCS viscosity at -15°C of not more than about 3500 cP and a kinematic viscosity at 100°C of not less than about 5 cSt.

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01 FC:103 126.00 CH
02 FC:116 400.00 CH

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